

PAT-NO: JP402035940A
DOCUMENT-IDENTIFIER: JP 02035940 A
TITLE: CARRIER BODY FOR CATALYTIC REACTOR
PUBN-DATE: February 6, 1990

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APPL-NO: JP63181665

APPL-DATE: July 22, 1988

INT-CL (IPC): B01J035/04, B01D053/36

ABSTRACT:

PURPOSE: To obtain a carrier body having high catalyst efficiencies by superposing flat steel plates and corrugated steel plates on one another to form a honeycomb structure, wherein these steel plates are bonded to each other by soldering them at the central part thereof.

CONSTITUTION: As a method for forming a carrier body for a catalyst reactor to purify exhaust gas of automobile, etc., heat resisting corrugated belt-shaped foils 2 coated with catalyst materials and flat belt-shaped foils 3

are superposed on one another to be formed into a honeycomb structure by rolling up them, wherein foil-shaped solder 1 composed of Ni group, etc., is inserted between the corrugated belt-shaped foil 2 and flat belt-shaped foil 3 at the central part thereof to be rolled up therewith, giving the foil-shaped solder 1, at the rolled up end of the plate, another wind around the structure. After the formation, the honeycomb structure is housed in an outer casing 5 so as to be soldered in protection gases under vacuum.

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